

SABIC Innovative Plastics LNP THERMOCOMP RF007SXQ PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP THERMOCOMP* RF007SXQ is a compound based on Nylon 66 resin containing 35% Glass Fiber. Added features of this material include: Heat Stabilized, Hydrolysis Resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-RF007SXQ-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm @Time 86400 sec	0.0040 in/in @Time 24.0 hour	ASTM D955
Linear Mold Shrinkage, Transverse	0.014 cm/cm @Time 86400 sec	0.014 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	195 MPa	28300 psi	ASTM D638
Elongation at Break	2.9 %	2.9 %	ASTM D638
Flexural Strength	297 MPa	43100 psi	ASTM D790
Flexural Modulus	10.68 GPa	1549 ksi	ASTM D790
Izod Impact, Notched	1.06 J/cm	1.99 ft-lb/in	ASTM D256
Izod Impact, Unnotched	12.28 J/cm	23.01 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	250 Â°C @Thickness 3.20 mm	482 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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